AIR-ALARM
D.I.Y. WIRELESS HOME ALARM SYSTEM KIT
USER MANUAL

SecurityMan®

Alarm Host

Wireless Wide-Angle
PIR Motion Sensor

Wireless Indoor Siren

Wireless Door/Window Sensor

Wireless Remote Controllers

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Introduction

SecurityMan Air-Alarm is a state-of-the-art wireless alarm system kit for homes and businesses. It is user-friendly easy to use protecting homes/businesses at a minimum cost of investment. Do-It-Your-Self installation and monitoring alarm system without monthly fees is a key benefit for users. The system will alert by phone calls to owner through a series of enlisted phone numbers. The owner can then dial into the host to armed or disarmed using the phone's numeric keypad. Air-Alarm system can be upgraded by adding up to 60 wireless sensors, sirens, and up to 8 remote controllers.

Package Contents

1 x Air-Alarm host with built-in LEDs, keypad, and speaker.
1 x Host Anchor Card for Fixed Position.
1 x 12VDC Power Adapter
1 x Wireless Wide-Angle PIR Motion Sensor with Mounting Bracket (Battery Included)
1 x Wireless Magnetic Door/Window Sensor with Mounting Bracket (Battery Included)
1 x Wireless Indoor Siren
2 x Wireless Remote Controller (Battery Included)
1 x Phone Cable(3ft)
1 x Warning Sign
1 x User's Manual
Accessories (on page 22)

Main Features

Easy-to-use and cost-effective D.I.Y. (do-it-yourself) wireless intruder alarm system kit.
Supports up to 60 wireless sensors (15 wireless defense zones and 4 wireless sensors per zone).
Transmit at 430-433MHz frequency band, wireless transmitting distance up to 300 feet (remote controller, smoke sensor, and siren) and up to 450 feet (magnetic door/window sensor & PIR motion sensor)
Supports up to 5 phone numbers for auto alarm call and 1 management center protocol (CID).
Armed/disarmed by remote controller, phone call, or host's keypad.
Easy "one-key" armed/disarmed operation.
Programmable silent alarm or audible alarm.

Recordable alarm voice message (up to 9 seconds record time).

Telephone line disconnection alarm sound every 5 seconds.

Smart 3 defense lines configuration-1st defense line is the perimeter, 2nd defense line for in-room, & 24-hour defense line).

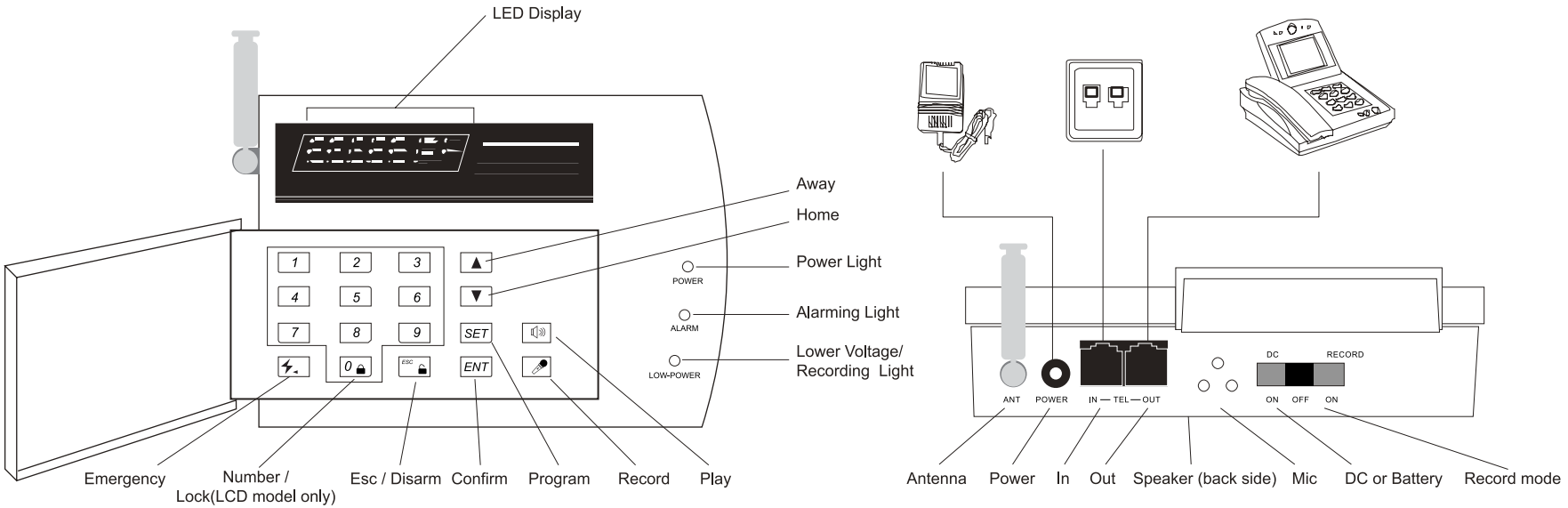
Internal rechargeable backup battery in alarm host last up to 8 hours.

Battery included for remote controllers, wireless door sensor, and wireless motion sensor last up to 2 years.

Programmable password.

Ademco CID compatible protocol

Alarm Host (SM-8088E)



In off mode, the alarm host will still operate normal if the A/c power is connected.

For wall mount please use screw **(B)** (see page22)

Alarm Host Specifications (SM-8088E)

Operating power: 9-15VDC
Static current: ≤ 60mA
Alarm current: ≤ 380mA
Operating environment: Temperature: -10° ~ 50°C Humidity: <80%
Maximum available quantity of remote controllers: 8 PCS
Maximum available quantity of wireless sensors: 60 PCS
Dimensions: 180X120X38 (mm)
Rechargeable battery: Ni-Mh(4.8v), 600mAh, up to 8hrs long
Speaker siren 100dB (built-in)

Three types of Defense Line

Types of Defense Line and what they mean:

1st Defense Line:
Indicates the first detecting defense areas or the perimeter zone (such as doors and windows). This is the perimeter areas where thieves initiate when attempting break in. These zones are generally composed of wireless door magnet sensors and wireless curtain PIR sensors. (N/A)

2nd Defense Line:
Indicates the second detecting defense areas, areas such as living room, aisles, bedrooms, hall ways, and etc. These zones are generally composed of the wireless wide-angle PIR sensors where it can detect movements in open spaces.

24-hour Defense Line:
Indicates the detecting defense areas in a 24-hour monitoring statue, commonly used in areas such as emergency distress, medical rescue, gas leakage, fire alarm, and etc. These zones are generally composed of panic buttons, wireless gas sensors(N/A), and wireless smoke sensors.

Programming the Alarm Host (SM-8088E)

Function:_Operation__Operation Explanation

Notes:

1. The alarm host will automatically exit from the programming status if inactive for 20 seconds.
2. Programming is effective after _SET+Password+ENT_, use ESC button to go to previous step.
3. The alarm host will beep in series to indicate the operation is successful and beep once to indicate operation failure.

_:_SET + Password + ENT__ This command applies throughout whenever programming the alarm host, before attempting to change other programming features, such as Delay Time to Arm, Delay Time to Alarm, Emergency Alarm Voice, Adding and Cancelling wireless devices, and etc . For example; to change Delay Time to Arm below from default 40 seconds to 1 minute, press_SET + 888888 + ENT_ follow by _15 + ENT_. The programming default password is 888888 (6 digits long).

Input Alarm Telephone Number : **_XX + ENT + Telephone Number + ENT**__ XX indicate telephone group number which can be of personal numbers or management center. See group details below:

01: Group 1 (personal telephone number)
02: Group 2 (personal telephone number)
03: Group 3 (personal telephone number)
04: Group 4 (personal telephone number)
05: Group 5 (personal telephone number)
06: Group 6 (reserved for CID Protocol number for management center, not for personal numbers, requires monthly fees)

Delay Time to Arm: _XX + ENT__ Setup a dwell time in which the alarm will become activated or armed. Enter 10 for XX to setup Delay Time to Arm for 40 seconds, enter 15 to setup Delay Time to Arm for 1 minute and press the ENT button to confirm. The default setting is 10 or 40 seconds alarm dwell time.

Delay Time to Alarm: _XX + ENT__ Setup a dwell time in which the alarm will sound or trigger. Enter 20 for XX to setup immediate alarm sound triggering, enter 21 to setup a 15 seconds Delay Time to Alarm. The default setting for Delay Time to Alarm is 20.

Emergency Alarm Sound: _XX + ENT__Enter 30 for XX to disable Emergency Alarm Sound, enter 31 to setup audible alarm sound, the default is 31. During the emergency Alarm Sound is disabled or set to 30; the alarm host will operate normal, and will continues to dial the enlisted phone numbers in case of emergency

Alarm Sound for 1st and 2nd defense line: _XX + ENT__ Enter 40 for XX to disable alarm sound for 1st & 2nd defense line,

enter 41 to enable Audible alarm, the default is 41. During the Alarm Sound disabled or set to 40; the alarm host will operate normal and will continues to dial the enlisted phone numbers upon alarm trigger.

Telephone Disconnection Alarm: _XX + ENT__ Enter 60 for XX to disable Telephone Disconnect Alarm, enter 61 to enable Telephone Disconnect Alarm, the default is 61. Telephone disconnection Alarm is line of integrity alarm.

To upload arm/disarm to management center: _XX + ENT__ Enter 50 to disable upload, enter 51 to enable upload to management center, the default setting is 50 or disable. Leave this disable if management center is not in service.

User Code: _80 + ENT + XXXX + ENT__ Enter an integers between 0000~9999 for XXXX to setup user code for management center. The default is set as random; apply to management center use only.

To Setup User Code:

_SET + 999999 + ENT + press"▲ ▼"button + ENT + enter programming code + ENT + 6 digits user's code + ENT + re-enter user's code + ENT__ press "SET" and programming will appear, enter "999999" press "ENT" and then press"▲ ▼"page up/down to choose "revise user's code" and press "ENT", reenter new programming code, press "ENT" and then enter 6 digits user's code, and press "ENT".

Note: user's code cannot be same as master code of 999999 and programming code! Press ESC to exit from the programming when finish.

How to change programming password

_SET + 999999 + ENT + Six Digital New Programming Password + ENT + Six Digital New Programming Passwords + ENT__ Press SET button the programming LED will light on, enter "999999", press ENT, then input a new six-digital programming password, press ENT, re-input the new six-digital programming password, and then press ENT to complete the programming password change. Notice the programming LED light will disappear after the final ENT is pressed.

Operation

To Record a voice message greeting: Slide the switch on the left side of the alarm host to the RECORD ON, press and hold the microphone button, speak close into the rear side speaker of host, and then release the microphone when finish with voice message greeting. Voice message greeting can be anywhere between 0~9 seconds long.

To Playback the recorded voice message greeting: Slide the switch on the left side of the alarm host to DC ON, press and

hold the playback button to playback the recorded voice message greeting.

"One-key" Arm:

By Remote controller: Press the AWAY (All Alarm) or the HOME (Part Alarm) button on the remote control to arm and the alarm host will beep once to confirm the operation is successful. See Wireless Remote Controller on page 9 for more detail.

By Keyboard on alarm host: Press ▲ (All Alarm) or ▼ (Part Alarm) button, the alarm host will beep once to confirm the operation is successful.

"One-key" Disarm:

By Remote controller: Press the DISARM button on the remote control to disarm the alarm and the alarm host will beep twice to confirm the operation is successful.

Disarm by keyboard on alarm host: _ESC/Disarm + Programming Password + ENT__ Press the ESC/Disarm button follow by the programming password and then ENT to disable alarm siren using the alarm host. The host will beep twice to confirm the operation is successful.

Emergency/Panic Distress:

By Remote controller: Press the EMERGENCY button on the remote control at times of an emergency to immediately activate the sound siren on the alarm host and wireless sirens.

By Keyboard on alarm host: Press the EMERGENCY button on the alarm host at times of an emergency to immediately activate the siren sound on the alarm host and wireless sirens.

Telephone alarm: After receiving the phone call from the alarm host, the recorded voice message will repeatedly plays for 22 seconds. Before the 22 seconds expires, the following action must be taken:

A) Press the number "8" on the phone pad to extend the time intervals for an additional 20 seconds to enter the listening state. In the listening state the built-in microphone on the alarm host will be active to pick up any sound that takes place near by the alarm host.
B) Press the pound "#" button to immediately replay the recorded voice message.
C) Press the star "*" button, the host will end the call and stop to dial the enlisted alarm telephone numbers. After the "*" is pressed; the alarm host will resume to be armed

Note: the * is required to use in order to stop the alarm host from continuing to dial the next enlisted telephone numbers.

D) Hang up the telephone without any command, the host will end the call and automatically continues to dial the next enlisted alarm telephone numbers.

Long distances arm by phone: 30 seconds after successfully dial the telephone number of alarm host, there will be: a beep > enter programming password of host > beep > enter 1 > beep, and the host will then automatically hang up after the last beep to successfully complete the operation.

Note: Long distance arm by phone requires the alarm host to be armed or in the "Away" mode.

Long distances disarm by phone: 30 seconds after successfully dial the telephone number of alarm host, there will be: a beep > enter programming password of host > beep > enter 0 > beep, and the host will then automatically hang up after last beep to successfully complete the operation.

Alarm dialing mode: After the alarm host triggered or goes off, the alarm host will starts to dial the first enlisted telephone number, then the second, third, fourth and so on. Unless one of the enlisted telephone numbers answers otherwise this routine auto dial will continues for three times.

Alarm priority: If the telephone line is busy when the alarm host goes off, the alarm host will take priority and it will automatically cut off the busy/used line to resume automatic dial to the enlisted alarm telephone numbers to convey the crime.

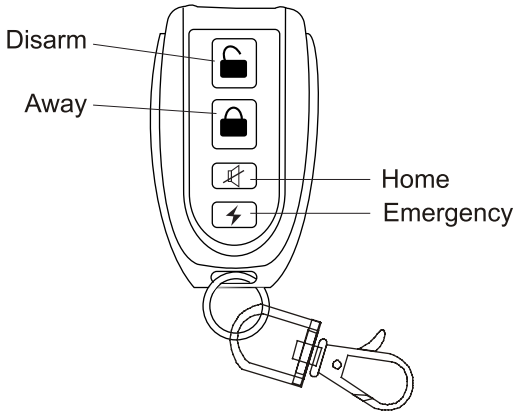
Telephone line disconnection Alarm: If the telephone line is cut or comes off the hook, the host will beep every 5 seconds after the telephone line are cut off or disconnected. It will continue to beep until the phone line are fixed or reconnected.

"AWAY" mode: In this state, after any detection in the 1st, 2nd, or 24hrs defense line is triggered, the alarm host will immediately sound the sirens and at the same time automatically dial the enlisted alarm telephone numbers in sequence.

"HOME" mode: In this state, after any detection in the 1st or 24hrs defense line is triggered, the alarm host will immediately sound the sirens and at the same time automatically dial the enlisted alarm telephone numbers in sequence. In HOME mode the 2nd defense line will be disabled and cannot be triggered.

Understand and Setup Wireless Accessories

Wireless Remote Controllers (SM-88X)



Functions/Features:

Used to armed & disarmed alarm host.

Emergency button for emergency or panic help.

Specifications:

Operating power: 27A 12V Battery (Recommend: alkaline battery)

Wireless Transmitting distance: ≥300ft (in open area)

Service life: ≤2 years

Installation and Usage:

Ideal for keychain and to take with when the alarm host is in the AWAY mode.

Press the "AWAY" button to arm before leaving home and press the "DISARM" button to disarm.

Press the "HOME" button to part arm or 1st defense line enabling to protect the perimeters of home at night time before going to sleep.

Please replace the batteries within 2 years of usage or any time when it becomes less sensitive or shorter controlling distance.

Adding & Cancelling Remote Controllers.

To Add:

Press_**SET + Password + ENT**_then.

_70 + ENT+ 00 + ENT ⟶ the "Learn" light will appear solid red.

Press any button on remote controller twice consecutively, the alarm host will beep in series and the "Learn" light flashes five times and then turns off to indicate the remote control has been successfully added.

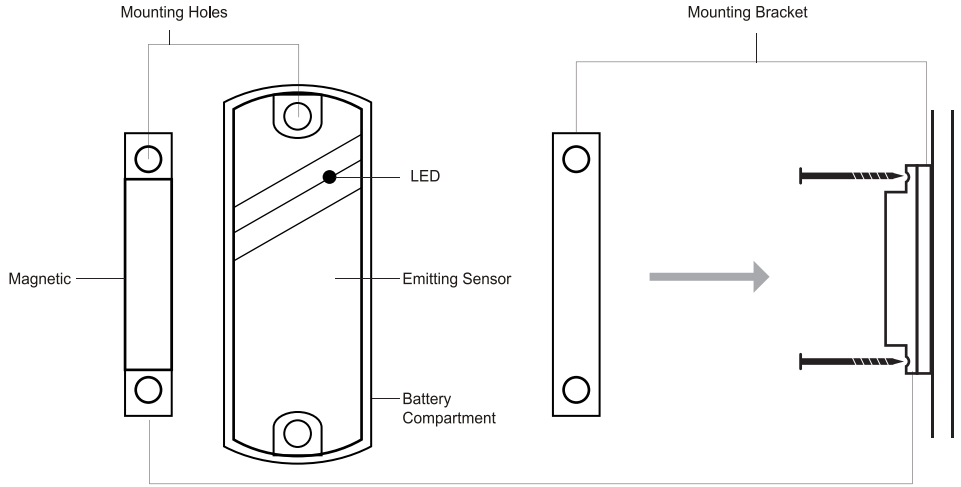
To Cancel:

Press_**SET + Password + ENT**_then.

_71 + ENT+ 00 + ENT ⟶ the alarm host will beep in series then the "Learn" light flashes once and then turns off to indicate the remote control has been successfully cancelled.

Note: The alarm host can only learn 1 remote control at a time, a total of 8 remote controllers can be added to a host.

Wireless Door/Window Sensor (SM-87B)



For Mounting Holes, please use screw **(C)** or adhesive sticker. (see page22)

For Mounting Bracket, please use screw **(D)**. (Magnetic underlay mount use for uneven surface) (see page22)

Functions/Features:

Mainly detect open/close states of doors and windows, generally set as a 1st Defense Line or perimeters.

If any doors or windows are opened, it will transmit the alarm signal to notify the alarm host.

Specifications:

Operating power: 23A or 27A 12V Battery (Recommend: alkaline battery)

Wireless Transmitting distance: ≥450ft (in open area)

Service life: ≤2 years

Alarm Distance: <4cm

Installation and Usage

Mount the magnet or smaller piece onto the door in a position of about 5~6ft above the ground to prevent any child(ren) from pampering. Use the included mounting bracket if the door and the door frame are un-even or not flush.

Mount the emitting or larger piece onto the door frame, ensure the magnet piece and the emitting piece are even or flush. The spaces between the two should be less than 10mm in gap.

Replace the batteries if the red LED light flashes frequently.

Adding and Cancelling Door/Window Senor

To Add:

Press_**SET + Password + ENT**_then.

_70 + ENT+ XX + ENT ⟶ The "Learn" light will appear solid red.

Note: The "XX" indicate group number of the 1st defense zones, including zone 06 through zone 10.

Triggers the Door/Window magnet twice consecutively, the alarm host will beep in series and the "Learn" light flashes five times and then turns off to indicate the magent door/ window sensor has been successfully added.

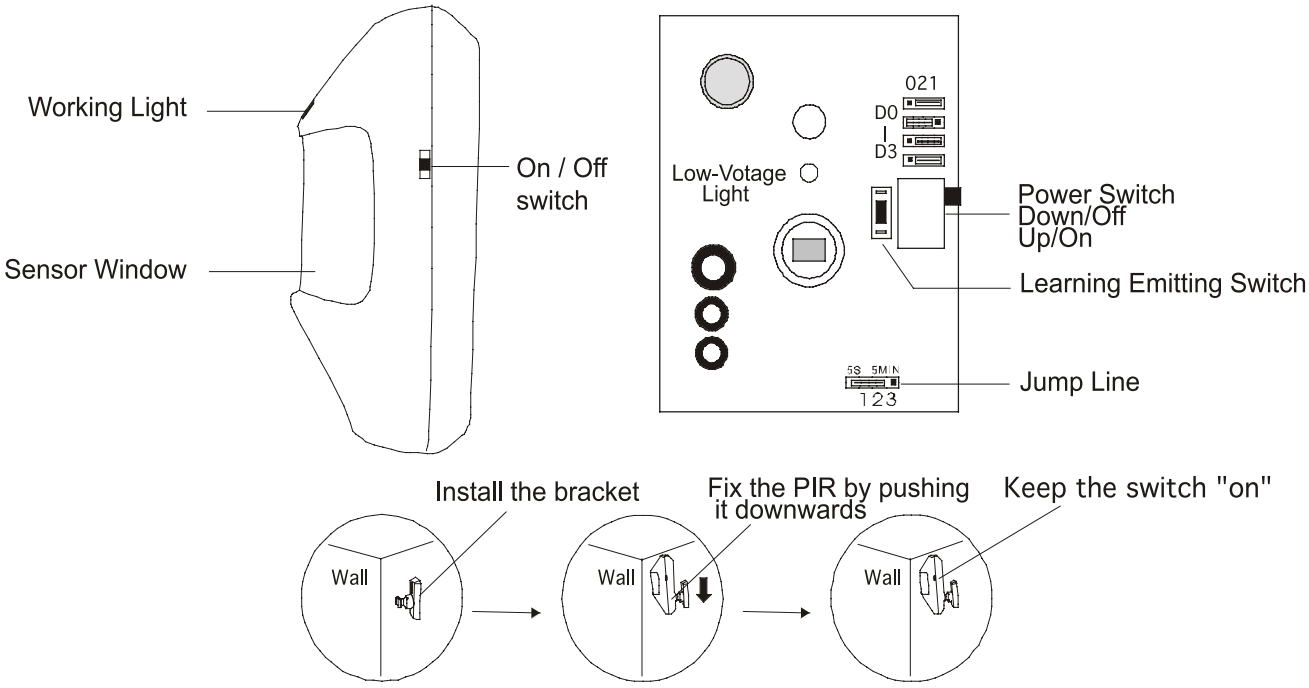
To Cancel:

Press_**SET + Password + ENT**_then.

_71 + ENT+ XX + ENT ⟶ The alarm host will beep twice then the "Learn" light will flash once and then turns off to indicate the magnet door/ window sensor has been successfully cancelled.

Note: The alarm host can only learn 1 wireless device (Magnet Door/Window Sensor) at a time, a total of 4 wireless devices (magnetic sensors) to a zone/group can be added. For example; for the 1st defense line, if 4 sensors were to be added to zone/group 06 through zone/group 10, it total 20 sensors in all. If 1 device is removed from a group that has 4 devices, then all 4 devices in the group will be automatically removed, and each device(s) will have to be added again to the alarm host.

Wireless Wide-Angle PIR Motion Sensor (SM-80)



Please use screw **(E)** to install the bracket (see page22)

Functions/Features:

Mainly monitor and control indoor stereoscopic spaces, generally set as a 2nd Defense Line.

When human body enters the detection areas, the motion sensor will transmit the alarm signal to the alarm host.

It is immunity to pets; cats, dogs, etc that are less than 10KGS will not cause false alarm.

Specifications:

Operating power: 9V Battery (Recommend: alkaline battery)

Wireless Transmitting distance: ≥450m (in open area)

Service life: ≤2 years

Detection Area: 110° 10X10m

Installation and Usage

Mount the bracket to a desired wall surface, location, or corner at a height of about 6ft to 7ft above the ground.

Open the sensor cover and connect a 9VDC battery. Next, refers to the diagrams above to adjust and select the Jumper Line timer between 5S or 5MIN for the motion sensor to detect once every 5 seconds or the sensor to detect once every 5 minutes. Recommended to use "5S" default "setting for normal use. Skip "To Add" motion sensor below for newly added motion sensor before closing the sensor cover and proceed to the next step.

Match the grooves of the sensor to the bracket and slide the motion sensor down from top to bottom to secure.

Adjust the sensor to a proper angle and then slide the power switch located on the side to the "ON" position. The motion sensor takes 30 seconds to become active for operation (normal working state) after switching "ON".

A red light will flashes for motion detection, a frequent green light flashes mean it is time to replace the battery.

Adding and Cancelling PIR Motion Sensor

To Add:

Press_**SET + Password + ENT**_then.

_70 + ENT+ XX + ENT ⟶ The "Learn" light will appear solid red.

Note: The "XX" indicate group number of the 2nd defense zones, including zone 11 through zone 15.

Press the "Learning Emitting Switch" twice consecutively to trigger PIR sensor, the alarm host will beep in series, and the "Learn" light flashes five times and then turns off to indicate the PIR motion sensor has been successfully added.

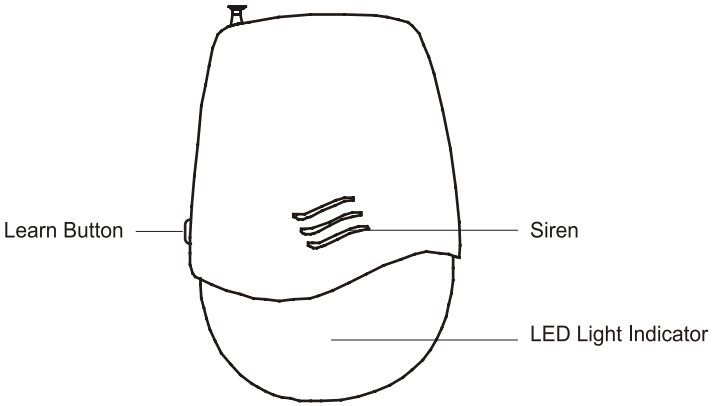
To Cancel:

Press_**SET + Password + ENT**_then.

_71 + ENT+ XX + ENT ⟶ The alarm host will beep twice then the "Learn" light flashes once and then turns off to indicate the PIR motion sensor has been successfully cancelled.

Note: The alarm host can only learn 1 wireless device (Wireless Wide-Angle PIR Motion Sensor) at a time, a total of 4 wireless devices (PIR Motion Sensors) to a zone/group can be added. For example; for the 2st defense line, if 4 sensors were to be added to zone/group 11 through zone / group 15, it total 20 sensors in all. If 1 device is removed from a group that has 4 devices, then all 4 devices in the group will be automatically removed, and each device(s) will have to be added again to the alarm host.

Wireless Indoor Siren (SM-103W)



Functions/ Features:

Wireless receiving indoor alarm siren, spot alarm sound and flashes

Plugs into wall outlets, for indoor use only.

Specifications:

Operating Power: 100—240VAC

Wireless Receiving distance:≥300 ft (In open area)

Siren Sound 105dB

Installation and Usage:

Plug the wireless indoor siren into a power outlet.

Recommendated to install 4~5ft high from the ground.

Adding and Cancelling Indoor Siren

To Add:

After connecting the siren to the power outlet, press the “Learning” button located on the left side of the siren and the siren light will come on.

Press the "⚡" button on the alarm host (remote control not applicable) to sound off the sirens, then disarm by using the alarm host keypad by pressing _**ESC/Disarm + programming password + ENT**_, the alarm host will beep twice to indicate the indoor siren has been successfully disarmed.

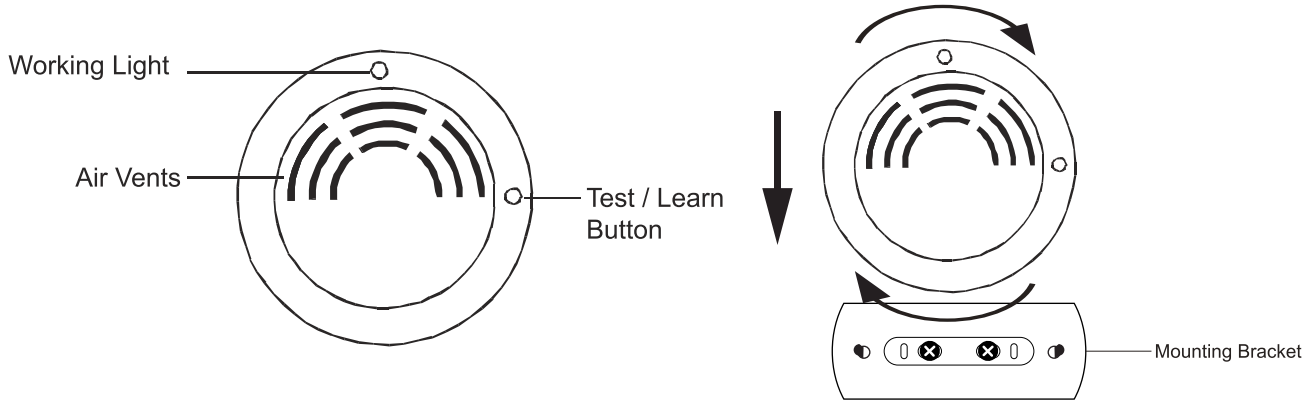
The light on the siren will flash 5 times to indicate the indoor siren has been successfully added.

To Cancel:

After connecting the siren to the power outlet, press and hold the "Learn" button located on the left side of the siren for 5 seconds, the light on the siren will flash once to indicate the indoor siren has been successfully cancelled.

Note: The alarm host can only learn 1 wireless device (Indoor Siren) at a time, multiple wireless sirens can be added to a host. When adding or cancelling wireless sirens, only operate using the alarm host keypad; do not use the remote controllers to disarm in the process.

Wireless Smoke Alarm (SM-93, optional)



Please use screw **(F)** for mounting bracket (see page22)

Functions/Features:

Monitor and control fire risks for indoor use only, generally set as a 24 hours Defense Line.

Replace the battery every 2 year (varies on usage).

Usually installed to ceilings of living room, aisles, etc.

Specifications:

Operating power: 9V Battery (Recommend: alkaline battery

Wireless Transmitting distance: ≥300ft (in open area)

Service life: ≤2 years

Monitor volume: 60ft^2

Adding and Cancelling Smoke Alarm

To Add:

Press_**SET + Password + ENT**_then.

_70 + ENT+ XX + ENT ⟶ The "Learn" light will appear solid red.

Note: The "XX" indicate group number of the 24 hours defense zones, including zone 01 through zone 05.

Press the "Test Button" twice consecutively to trigger the smoke alarm sensor, the alarm host will beep in series, the "Learn" light will flash five times and then turns off to indicate the smoke alarm sensor has been successfully added.

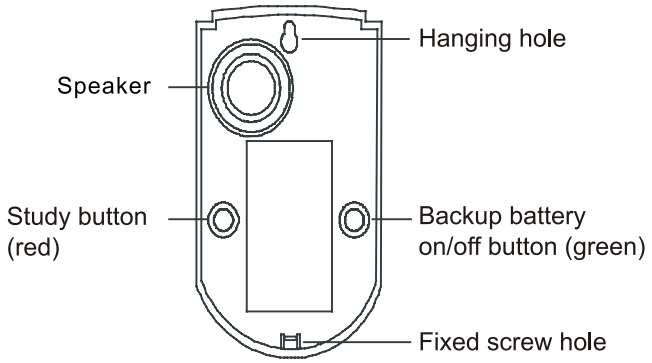
To Cancel:

Press_**SET + Password + ENT**_then.

_71 + ENT+ XX + ENT ⟶ The alarm host will beep twice, the "Learn" light flash once and then turns off to indicate the smoke alarm sensor has been successfully cancelled.

Note: The alarm host can only learn 1 wireless device (Smoke Alarm Sensor) at a time, a total of 4 wireless devices (Sensors) to a zone/group can be added. If 1 device is removed from a group that has 4 devices, then all 4 devices in the group will be automatically removed, and each device(s) will have to be added again to the alarm host.

Wireless Outdoor Siren (SM-103, optional)



Please use screw **(G)** to mount. (see page22)

Functions/Features:

Nice, exquisite and weatherproof.

Micro-computer controller, steady performance and quality.

Study up to 10 pieces to a host.

Built - in rechargeable battery for backup, automatic switches between AC powers to DC power in cases of emergency outage.

Low standby power consumption, low battery voltage LED detection, resumes charging automatically.

Wall mountable installation

Specifications:

Operating power: 110~240VAC_50Hz

Static power consumption: ≤40 mA

Working power consumption: ≤450 mA

The maximum alarm sound duration with flash: 3 Minutes

Receiving distance: ≥300ft (in open area)

Built-in Rechargeable battery 6VDC 1300mA (up to 100 hours stand-by)

Alarm Siren Sound ≥120dB

IP51

Installation and usage

Plug in the AC power to an outlet; press the green button to enable the backup battery located on the back side of the outdoor siren.

Study the siren to the alarm host according to the activation and deactivation instructions below.

Unplug the siren from the AC power plug after finish studying and find a proper location (Outdoor/indoor) to mount it and then plug in the AC power.

The alarm sound and red LED flash last up to 3 minutes if the alarm host is not disarmed within the 3 minutes increment.

When the backup battery has a voltage that is equal to or less than 5VDC, the charging indicator (solid red) light will come on to represent charging status. The rechargeable battery takes approximately 20 hours to be fully charged and then the charging indicator light will turn off.

Activating and deactivating Outdoor Siren

To Activate:

Siren: Connect the siren to an AC power outlet > press the red Study button located on the back of the siren > the red siren lights will turn ON.

Alarm Host: Press "⚡" emergency button on the alarm host to sound off the alarm and then disarm the alarm by using the **_ESC/Disarm + programming password + ENT_**, the alarm host will beep twice to indicate the outdoor siren has been successfully disarmed

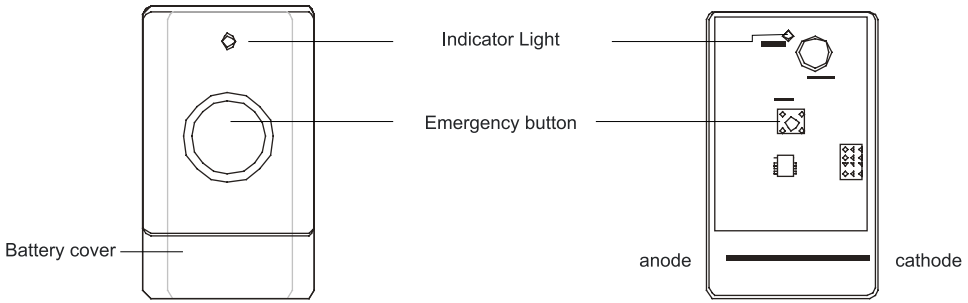
The light on the siren will then flashes 5 times to indicate the outdoor siren has been successfully added.

Note: One siren can be studied at a time, up to 10 wireless alarm sirens to a host.

To Deactivate:

Press and hold the Study red button for 10 seconds, the siren will flash once to indicate the Outdoor siren has been successful deactivated.

Wireless Panic Button (SM-89, optional)



To mount, please remove the back cover and use screw (H). (see page 22)

Functions/Features:

Used for emergency panic, generally set as a 24 hours Defense Line.

Placed under tables, besides bed whenever panic is needed.

Replace battery every 2 years (varies on usage).

Specifications:

Operating power: 23A 12V Battery (Recommend : alkaline battery)

Wireless Transmitting distance > 450ft (in open area)

Service life: < 2 years

Installation and usage

Installed in living rooms, bedsides, carry along, etc.

For emergency use, scared away intruders; sends out emergency signal to alarm host to sound off the siren(s). This is a 24 hours standby zone for panic or emergency use only.

Please change the battery when the signal distances become shorter or every 2 years.

Adding and Cancelling Panic Button

To Add:

Press_**SET + Password + ENT**_then.

_70 + ENT+ XX + ENT ⟶ The "Learn" light will appear solid red.

Note: The "XX" indicate group number of the 24 hours defense zones, including zone 01 through zone 05.

Press the "Alarm button" twice consecutively, the alarm host will beep in series, the "Learn" light will flashes five times and then turns off to indicate the panic button has been successfully added.

To Cancel:

Press_**SET + Password + ENT**_then.

_71 + ENT+ XX + ENT ⟶ The alarm host will beep twice, the "Learn" light will flash once and then turns off to indicate the panic button has been successfully cancelled.

Note: The alarm host can only learn 1 wireless device (Panic Button) at a time, a total of 4 wireless devices (Panic Buttons) to a zone/group can be added. If 1 device is removed from a group that has 4 devices, then all 4 devices in the group will be automatically removed, and each device(s) will have to be added again to the alarm host.

Air-Alarm Defence Zone Code Chart:

Defense Zone Code	Defense Zone Type	Bypass Zone	Delay Time to Alarm	Compatible Accessories	Remark
00	——	No	No	Wireless Remote Controller & Wireless Remote Control Keypad	Up to 8 RC
1 to 5	24-hour Defense Line	No	No	Wireless Smoke Alarm, Wireless Gas Alarm, & Panic button.	Each defense zone support up to 4 wireless devices.
6 to 10	1st Defense Line	Yes (zone 11 to15)	Yes	Wireless Door Magnet & Wireless Curtain PIR Sensor	
11 to 15	2nd Defense Line	Yes (zone 6 to 10)	Yes	Wireless Wide-Angle PIR Motion Sensor	

Manufacturer Wireless Default Setting:

Wireless Sensor Type	Remote Control	Wireless Door/ Window Sensor	Wireless Wide-Angle PIR Motion Sensor	Wireless Curtain PIR Sensor (N/A)	Wireless Gas Alarm (N/A)	Wireless Smoke Alarm	Panic Button
The default Defense Zone Code	00	06	11	---	---	---	---

Note : If after setup the alarm system becomes uncontrollable or abnormal; please remove or cancel all of the default setting of wireless devices such as the remote control, door/window sensor, wide-angle PIR motion sensor, smoke alarm and then add (re-program) them back into to a desired defense zone code

Common Problems and Solutions

Problems	Possible Cause	Solutions
The alarm host sounded off immediately after connecting the power	The telephone incoming line has not been connected, not well connected or short circuit.	Double check, test and secure the incoming telephone line or use other standard phone to test the line to ensure working status.
The alarm host cannot record or partially records	The record switch is not turned on. The Record buttons not presses down and hold while attempting to record, or not held down all the way.	Slide the record switch to the "ON" position; Securely press and hold down the RECORD button during recording. Speak up close to the rear speaker of the host.
Repeatedly receiving the alarm telephone	Failed to operate according to the operation instruction of the telephone alarm.	After answering the alarm phone calls and hearing the recorded message: please advanced to page 5 (**Telephone Alarm**) of this user's manual as a reference to try to resolve this problem. (See page 5 **Telephone alarm**)
The alarm host does not sound the alarm after the detector triggered the alarm in armed mode.	1. Caused by the functions of armed Away or Armed Home) 2. Have already setup time for Entry Delay or Exit Delay.	1. In "Armed Home" mode, make sure the sensor or wireless devices triggering is not in the 2nd Defense Line. 2. Ensure the sensor detectors are not active within the system setup Entry Delay Time or Exit Delay Time.

The PIR motion sensor does not work	Weak battery power, not switched on, or the PIR motion detector is in the power-down mode	Open the sensor shells to install the battery and slide the power switch to "On". Power down mode may be in affect: "5S": detect once every 5 seconds "5MIN": detect once every 5 minutes, please refers to the user's manual for PIR setup.
The detecting distance of PIR motion sensor gets shorter	The ambient temperature in the detecting area is too high.	When the ambient temperature in the detecting area exceeds the human body temperature, the detecting distance will get shorter, it's normal.
The alarm host does not alarm after the new added wireless detector is triggered.	Failed to follow the operation instruction of "Adding and Cancelling" sensors/devices of newly added wireless sensor(s)	Follow the operation instruction of "Adding and Cancelling" to activate the new wireless sensor(s)
The PIR motion sensor flashes frequently in green.	Battery is drained or low.	Replace with new battery of the same voltage specification.
The door/window sensor indicator flashes frequently in green after alarming.	Battery is drained or low.	Replace with new battery of the same voltage specification.
The distance of the remote controller gets shorter.	Battery is drained or low.	Replace with new batter of the same voltage specification.

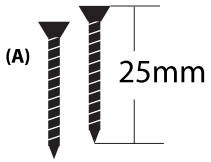
Daily Maintenance and Care

This alarm system is hi-tech with outstanding design and sophisticated product which should be used carefully. To make the alarm system operable in long terms and to stably prolong the service life; the follow are strongly recommended:

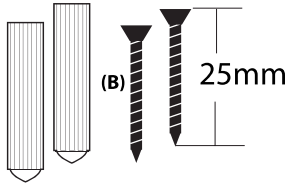
1. Installed alarm system and alarm host in the dry and well ventilated places.
2. Do not put the alarm host and any wireless sensors in cold, hot or dusty places to prevent it from shortening the life of electric parts, preventing the plastic shell from distorting and accelerating to age;
3. Do not install the wireless alarm system in low, easy to reach, and exposed places to prevent the children from pampering with or thieves easy access.
4. Regular scheduled testing is necessary to help prevent system failures and resolves problems in time.
5. Check batteries in all wireless sensors and replace them as needed to ensure normal operation.
6. Power off and remove all batteries from all wireless system before storing them on shelves.

Accessories:

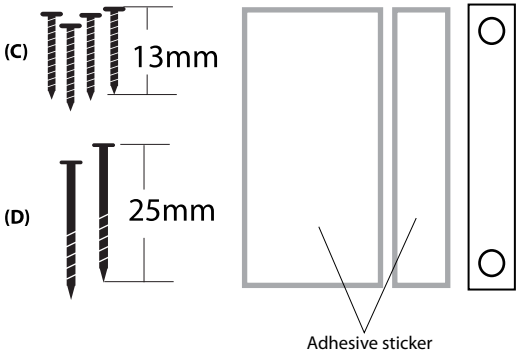
For the warning sign



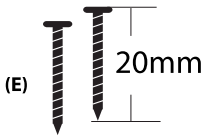
For the alarm host



For the alarm host

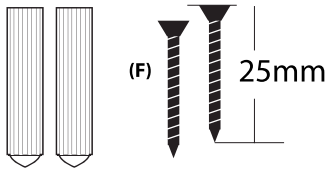


For the PIR

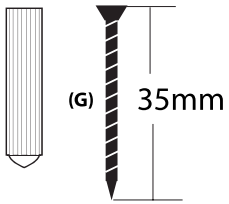


Add-on(optional):

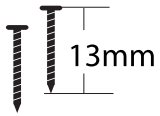
For the smoke sensor



For the outdoor siren



For the panic button



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